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(21) International Application Number: PCT/EP96/02291 (22) International Filing Date: 28 May 1996 (28.05.96) (30) Priority Data: 9510857.7 30 May 1995 (30.05.95) GB 9511602.6 8 June 1995 (08.06.95) GB (71) Applicant (for all designated States except US): SMITHKLINE BEECHAM PLC (GB/GB); New Horizons Court, Brentford, Middlesex TW8 9EP (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): BEELEY, Lee, James (GB/GB); SmithKline Beecham Pharmaceuticals, Great Burgh, Yew Tree Bottom Road, Epsom, Surrey KT18 5XQ (GB). SMITH, Richard, Anthony, Godwin (GB/GB); SmithKline Beecham Pharmaceuticals, The Pinnacles, Harlow, Essex CM19 5AD (GB). (74) Agent: GIDDINGS, Peter, John; SmithKline Beecham, Corporate Intellectual Property, 5B House, Great West Road, Brentford, Middlesex TW8 9BD (GB).	(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GR, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
(54) Title: METHOD FOR THE DETECTION OF COMPOUNDS THAT MODULATE THE EFFECTS OF THE OBESE PROTEIN (57) Abstract <p>A method for the detection of a compound that mimics, potentiates or inhibits the physiological effect of the ob-protein, which method comprises: (a) for a compound which mimics the physiological effect of the ob-protein, assessing the effect of the compound upon an ob-protein activated signal transducer and activator of transcription (STAT) DNA response element coupled to a reporter gene; or (b) for a compound which potentiates or inhibits the physiological effect of the ob-protein assessing the effect of the compound upon the response provided by ob-protein upon an ob-protein activated STAT DNA response element coupled to a reporter gene; the response element and the reporter being expressed in an ob-protein responsive cell line; a kit of parts adapted for use in such method and a compound when identified by such method.</p> <p>XC → P. HUNT M. McCABE M. KNIGHT (WARR) D. PERKINS (FRONT PAGE + COMMENTS) D. CLOUGH (VI + MML)</p> <p style="text-align: center;">BEST AVAILABLE COPY</p>		